

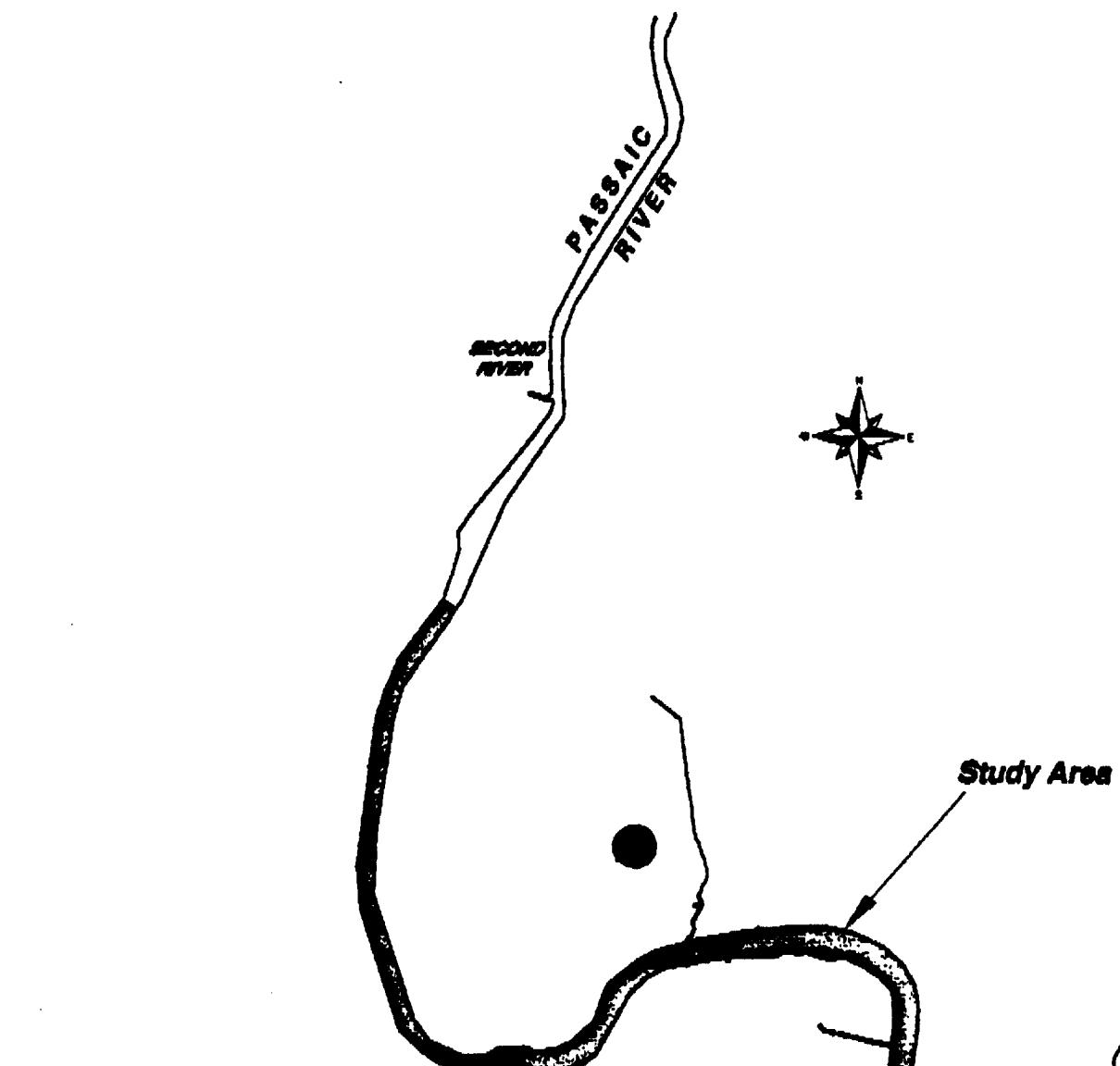
**May 1, 1997**  
**Chemical Land Holdings**  
**Section 104(e) Candidate Submission:**

**DREW CHEMICAL CORPORATION**  
**(a division of Ashland Chemical)**

**842190003**

842190004

**Drew Chemical Company**



## DREW CHEMICAL COMPANY (Division of Ashland Chemical)

### A. Discharge to Passaic:

- Drew Chemical discharges into the Worthington Ave. CSO. There is documented evidence of direct discharges into CSO of process area floor washdowns (1/29/72 correspondence to City of Kearny Building Inspector) (**Tab A**) and of reactor vessel washdown (correspondence to PVSC dated 11/15/82) (**Tab B**). 7/28/72 PVSC Waste Effluent Survey indicates esterification and saponification work done in reactors (**Tab C**).

### B. Hazardous Substances were Used on-site:

- A 7/23/74 Drew Chemical inventory of chemicals stored on-site indicate the presence of trichlorophenol (**Tab D**), while a 1985 Organics Chemicals Questionnaire filled out by Drew Chemical indicating the use of phenol (cresylic acid), both of which are dioxin precursors (**Tab E**). The 7/28/72 Drew Chemical PVSC Waste Effluent Survey (**Tab C**) indicated the presence in CSO discharges of, among other hazardous substances, chromium, magnesium, iron, and copper. In addition, according to a March 18, 1989, Jersey Journal article based on federal data bases reporting that between May 1 to October 31, 1988, Drew Chemical discharged into the environment ethylene glycol, zinc compounds, acrylamide, and chromium compounds (**Tab F**). Finally, Drew Chemical's 1992 Community Right-to-Know Survey lists 314 pages of hazardous substances and chemicals used or produced on-site (**Tab G**).

### C. Hazardous Substances Used On-Site Have Impacted River Sediments:

- As part of CLH's performance of the remedial investigation/feasibility study (RI/FS) for the Six Mile Study Area (Study Area), CLH has taken and analyzed sediment samples from locations adjacent to the Worthington Ave. CSO discharge point that have indicated the presence of elevated levels of at least the hazardous substances listed above, as well as toluene and methyl ethyl ketone, which had been historically used on-site (**Tab H**).

### D. Responsible Corporate Entity:

- Drew Chemical is a division of Ashland Chemical Corporation and is located at 1106 Harrison Ave., Kearny, NJ 07032.

### E. Proposed Area of Questioning:

- Due to presence of at least 3 dioxin precursors (trichlorophenol and phenol (cresylic acid) on-site, inquiry into the usage, storage, and disposal of those dioxin precursors, and other hazardous substances found on-site, is appropriate.
- A request for employee rosters covering the time period between 1970 and 1975.

A

**DREW CHEMICAL CORPORATION  
(a division of Ashland Chemical)**

**TAB A**

January 29, 1972 correspondence on behalf of Drew Chemical to City of Kearny Building Inspector indicating, among other things, that plant effluent into the PVSC sewer would consist primarily of floor wash downs with water.

**842190007**

**SINGMASTER & BREYER, INC.**

235 EAST 42 STREET • NEW YORK, N.Y. 10017

TELEPHONE TN 7-4200

CABLE ADDRESS "BREYSING"

**SB**

January 29, 1971

Mr. Jerome T. Wagner  
Building Inspector  
City Hall  
Kearny, New Jersey

Dear Mr. Wagner:

In accordance with the discussions held in the Drew Chemical Corporation offices on January 4, 1971, I am summarizing for your review a general description of the type of construction and processing operations to be conducted at the plant and the major raw materials that Drew plans to use in the manufacturing process.

In regard to the construction operations, no new buildings are currently being planned for erection on the site. Drew plans to continue to use the existing main process building for their own processing function and to also use offices, warehouse, machine shop for the same functions as previously existed. The process building (#713) which was used for manufacturing by Sun Chemical will now be utilized as a drumming building for products manufactured in the main process building.

Some internal building modification work is planned in both buildings, namely refinishing of the concrete floors in the main process building (#720), removal of unusable equipment, installation of new vessels and the possible addition of a new elevator at a later date. Some structural work involving building steel is required during the removal of tanks on the 3rd floor in building 720, however, we do not consider this to be a major structural revision to the building. In building 713 present plans call for refinishing of the ground floor and modifications to the existing structural steel to accommodate new equipment required for the Drew drumming installation.

842190008

New vessels will also be installed outside the building in the tank farm area and a new pipe rack will be erected between the tank farm area and the main process building.

The majority of the processing operations conducted at the plant will consist of simple blending and mixing operations in which solid or liquid raw material is fed into an agitated tank and dissolved or dispersed in a solvent or carrier. The solvents are usually water or alcohol or petroleum based liquids and the operations with few exceptions are conducted at atmospheric pressure at low to medium temperatures (ambient to 350°F).

During the blending and mixing operations, very few vapors are released, however, the blend tanks will be piped to vent condensers or a scrubber in order to effectively neutralize any gaseous discharge from the mixing.

The plant effluent into the sewer system will consist primarily of floor wash downs with water, and once through cooling water through vessel jackets. None of the chemicals used directly in the blending and mixing operations are transferred directly to the sewer and no by-products find their way into the sewers. In the manufacturing process most of the products use similar raw materials and in many cases no wash down is required, thus eliminating large quantities of plant effluent. In addition, in many cases the wash down is collected and recycled through the process for economic reasons.

The scrubber system will also be connected to hoods over the blending and mixing tanks so that dust particles from the loading of solvents into vessels will also be scrubbed and no solids emission is expected from the plant.

A list of raw materials to be used in the manufacture of Drew products is attached to this letter. We will be pleased to clarify any questions you may have at your convenience.

Very truly yours,

SINGMASTER & BREYER

*W.J. Moore*

W.J. Moore  
Project Manager

WJM:amt

Enc.

cc: E.A. Savinelli  
D. Kawczynski  
M. Piergrossi  
E. Goldberg  
File

842190009

**MAJOR RAW MATERIALS USED IN  
DREW MANUFACTURING PROCESSES**

1. Demineralized Water
2. Mineral Oil
3. Mineral Oil
4. Mixed Isomers of C<sub>10</sub> - C<sub>18</sub> Oxo Alcohols
- 5. Mineral Seal Oil
6. Phosphoric Acid 75% to 85%
- 7. Hexamethylene Triamine
- 8. DMF
- 9. Isopropanol
- 10. Stearic Acid
- 11. Stearyl Alcohol
12. Scale Wax

B

**DREW CHEMICAL**  
**(a division of Ashland Chemical)**

**TAB B**

November 15, 1982 Drew Chemical correspondence to PVSC regarding a new program of wash water neutralization involving the placement of wash waters in a reactor vessel, pH testing, neutralization, and subsequent discharge into the PVSC sewer.

300-7032

Drew Chemical Corporation One Drew Chemical Place, Kearny, N.J. 07032, 201-647-6000, Telex 4-24000  
ADDRESS REPLY TO: DREW CHEMICAL CORPORATION, KARNEY, NJ 07032, 201-647-6000

November 15, 1982

Passaic Valley Sewerage Commissioners  
600 Wilson Avenue  
Newark, N.J. 07105

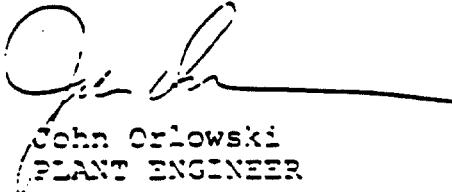
Attention: Mr. John Bray  
Subject: Wastewater pH Control

Please be advised that Drew Chemical Corporations Kearny Plant has initiated a program of Wastewater Neutralization as of the week of November 10. This program includes the retention of washdown water in the reactor vessel, pH testing and neutralization prior to putting the water to sewerage. These steps are being taken to eliminate the pH excursions from the norm being found in wastewater analysis.

It is hoped that this meets with your satisfaction. Should you have any questions or comments, please do not hesitate to contact me.

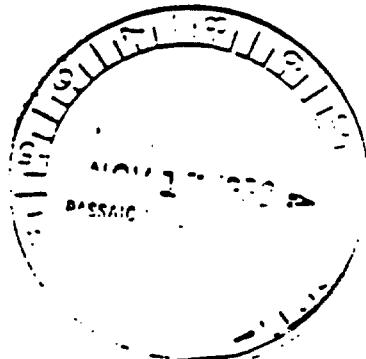
Very truly yours,

DREW CHEMICAL CORPORATION

  
John Orlowski  
PLANT ENGINEER

JO/rb

cc: K. Weiss  
M. Billow  
Chron



842190012

C

**DREW CHEMICAL**  
**(a division of Ashland Chemical)**

**TAB C**

July 28, 1972 Drew Chemical PVSC Waste Effluent Survey indicating that esterification and saponification work was done in reactors, that a major portion of products are straight blends done in agitated kettles, and that chromium, magnesium, iron and copper were present in its effluent discharged to the PVSC sewer.

Return to:  
PASSAIC VALLEY SEWERAGE COMMISSIONERS  
780 Broad Street  
Newark, N.J. 07102

Date: July 28, 1972

Plant Ref. No. 1A40909

## WASTE EFFLUENT SURVEY

(For Industries Served by the Passaic Valley Sewerage Commissioners)

Plant Name: Drew Chemical Corporation

Address: 1106 Harrison Avenue, Kearny, New Jersey Zip 07032

Person and Title to whom any further inquiries should be directed:

D. C. Kawczynski, Project Engineer

Phone No.: 201-887-9300

Number of Employees: 45

Number of Working Days Per Week: 5

Number of Shifts Per Day: 2

Area of Property: Acres or Sq. Ft.

Type of Industry and 4 digit U.S. Standard Industrial Classification No.:

Finished Product(s): Industrial Water Treatment Chemicals

Average Production: 2,500,000 lb./mo.

Raw Materials Used: Varied

Brief Description of Operations: Major portion of products are straight blends done in agitated kettles. Some reactor work such as esterifications and saponifications are done. These comprise about 5 percent of production.

**ANSWER THE FOLLOWING QUESTIONS ONLY IF THE  
PLANT WASTE INCLUDES WASTE ATTRIBUTABLE TO INDUSTRIAL OPERATIONS**

(Note: Analyses should be based on a 24-hour composite sample)

Characteristics of Plant Waste discharged to sanitary or combined sewer, after treatment if any. Indicate units of measure where applicable (e.g. Mg/l).

a) pH: 6.6..... b) Turbidity: In Jackson Unit 2.4.....

c) Temperature: 33°C..... d) Radioactive? Yes ..... No  x

e) Solids Concentration:

1) Total Solids 90 mg/l..... Volatile 10 mg/l..... Mineral 80 mg/l.....

2) Suspended Solids 12 mg/l..... Volatile 9 mg/l..... Mineral 3 mg/l.....

f) Oil and Grease Concentration:

1) Floatable Oils ..... 0 mg/l.....

2) Emulsified Oils ..... 2.4 mg/l.....

g) Chlorides ..... 9.0 mg/l.....

h) Chemical Oxygen Demand (C.O.D.): ..... 57 mg/l.....

i) 5-day Bio-chemical Oxygen Demand (B.O.D.): ..... 16 mg/l.....

j) Total organic carbon (T.O.C.): ..... 12.5 mg/l.....

Metallic Ions—Name and concentration (Important—list each metal in waste, e.g., chromium hex. and triv. Antimony, Lead, Mercury, Copper, Vanadium, Nickel; give concentration and total daily discharge of each metal.)

Chromium as Cr 0 mg/l; Calcium as Ca 10.8 mg/l; magnesium as .....  
..... mg/l 9 mg/l; Iron as Fe 0.33 mg/l; Copper as Cu 0 mg/l.....

l) Toxic Material—Name and concentration e.g., cyanide salts, etc.): .....  
..... N/A

m) Solvents—Name and concentration: ..... N/A

n) Resins—Name and concentration (Lacquers, Varnishes, Synthetics): ..... N/A

o) Date and time span of sample 6 July 1972 @ 3:15 p.m......

Explain hours, method of discharge of waste to Sanitary Sewer and peak rate of flow, e.g., continuing for 8 hours per day, 5 days per week at 100 gal./day rate) batch twice a day for 20 minutes at 100 gal./min.) (Continuous 24 hours steady or with peaks at 2 P.M., peak rate M.G.D.) etc.

Continuous 16 hrs./day; no defined peaks. Approximately 20 gallons/day

Water received in *Gallons* (Note: multiply cu. ft. x 7.48)

Purchased water in 1971 from: Town of Kearny

1st Quarter .....	4071 cu. ft.
2nd Quarter .....	3851 cu. ft.
3rd Quarter .....	4988 cu. ft.
4th Quarter .....	5023 cu. ft.
Total Purchased 1971:	17, 933 cu. ft.

Well Water

1st Quarter .....	N/A
2nd Quarter .....	
3rd Quarter .....	
4th Quarter .....	
Total well water received in 1971:	

River Water

1st Quarter .....	N/A
2nd Quarter .....	
3rd Quarter .....	
4th Quarter .....	
Total river water taken in in 1971:	

**TOTAL OF ALL WATER RECEIVED IN 1971:**

Water Use in 1971:

Water to Product (include evaporated and lost water):	10,759 cu. ft.
Water to Sanitary Sewer:	7,174 cu. ft.
Water to Storm Sewer, River or Ditch:	N/A
<b>TOTAL WATER USE IN 1971:</b>	17,933 cu. ft.

Name of River, Stream, or Tributary, and location of storm sewer or ditch outlet to river, stream, or tributary: \_\_\_\_\_

Characteristics of Plant Discharge to Storm Sewer, River, or Ditch, after treatment if any.  
Indicate units of measure where applicable (e.g., Mg/l).

a) pH: ..... b) Turbidity: .....

c) Temperature: ..... d) Radioactive? Yes ..... No .....

e) Solids Concentration:

1) Total Solids ..... Volatile ..... Mineral .....

2) Suspended Solids ..... Volatile ..... Mineral .....

f) Oil and Grease Concentration:

1) Floatable Oils .....

2) Emulsified Oils .....

g) Chlorides .....

h) Chemical Oxygen Demand (C.O.D.): .....

i) 5-day Bio-chemical Oxygen Demand (B.O.D.): .....

j) Total Organic Carbon (T.O.C.): .....

k) Metallic Ions—Name and concentration (Important—list each metal in waste, e.g., chromium hex. and triv. Antimony, Lead, Mercury, Copper, Vanadium, Nickel; give concentration and total daily discharge of each metal.):  
.....  
.....

l) Toxic Material—Name and concentration (e.g., cyanide salts, etc.):  
.....  
.....

m) Solvents—Name and concentration: .....

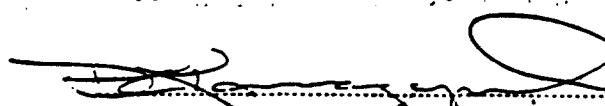
n) Resins—Name and concentration (Lacquers, Varnishes, Synthetics): .....

o) Date and time span of sample: .....

Do you pretreat any waste before discharge? .....

If so, describe process and disposal of residue removed:  
.....  
.....

Certification of Laboratory doing sampling and making analyses shall be given. Procedures shall be those shown in the 13th edition of Standard Methods for the Examination of Water and Wastewater, where applicable. If no procedure is applicable, the laboratory is to describe method and procedure used in analyses.

  
Signature and title of person preparing report

**DREW CHEMICAL**  
**(a division of Ashland Chemical)**

**TAB D**

July 23, 1974 list of chemicals stored in Drew Chemical's warehouse indicating the presence and use of trichlorophenol, a dioxin precursor.

**D**

842190018

SINCHMASTER & BREYER  
R. SHIGO

DS-321  
7-23-74

The following is a list of chemicals to be stored in DRENS new warehouse facilities  
N.J. Included is a chemical description, amounts, and their NFPA rating for flammability  
reactivity.

ITEM	DESCRIPTION	AMOUNT #		NFPA RATING	REACTIVITY
		MIN	MAX		
osol OT 7.5%	Diethyl sodium sulfosuccinate in water		7,000	* 0	* 0
ohol TA 1618	Fatty Alcohol		4,000	* Otol (NFPA 49A,A-B)	* 0
zium Hydrate		5,000	20,000	* 0	* 0
zium Sulfate		1,000	10,000	* 0	* 0
zium Starate			40,000	* less 1	* 0
elite Resin	Ion Exchange Resin		2,000	* 0 to 1	* 0
laic Acid	(CH 2) 7 (CO 2H)2	2,000	5,000	* 1 to 2	* 0
1 Alcohol	Hexadecanol	1,000	5,000	*1 to 2 (NFPA 49A,A-7)	* 0
7H 35F	Sodium Carboxi Methyl Cellulose		2,000	*0 to 1	* 0
zch			1,000		
cide A	Trichlorophenol	10,000	20,000	1 (NFPA 49A,A-7)	0
cide B	Trichlorophenol	10,000	20,000	1 (NFPA 49A,A-7)	0
cide G	Trichlorophenol	10,000	20,000	1 (NFPA 49A,A-7)	0
rite K-732	Water Based Scution	30,000	75,000	* 0	* 0
one 215	Ethylene Diamine Tetra Acetic Acid Sodium Salt	5,000	20,000	* 0 to 1	* 0
phos	Sodium Hexameta Phosphate	10,000	100,000	* 0	* 0
il 233	Hydrated Silica	5,000	40,000	* 0	* 0
strene 3022	Fish Oil	5,000	20,000	1(NFPA 49A,A-9)	0
yli Parascept	Methyl p - Hydroxy benzoate	250	1,000	* 1(NFPA 49A,A-9)	* 0
cid	Glycine Sulfate	5,000	20,000	* 0 to 2	0
3 Crystals	Nitro Glycine Sulfate	5,000	20,000	* 0 to 2	
rascept	Propyl p-Hydroxy benzoate	500	1,000	* 1(NFPA 49A,A9)	* 0
	Silica	5,000	20,000	* 0	* 0
WV	Taraffir Wax	5,000	25,000	* 1 to 2	* 0

842190019

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>MIN</u>	<u>MAX</u>	<u>FLAMMABILITY</u>	<u>REACTIVITY</u>
dium Bisulfite		500	10,000	* 0	* 0
Chromate	Mild Oxidizing agent not listed in NFPA as such	5,000	40,000	* 0	* 0
auffer N-521	Forms of Methylene Bis Thiocyanate	10,000	30,000	* 0 to 1	* 0
auffer N-948	"	5,000	30,000	* 0 to 1	* 0
auffer N-1386	"	10,000	3,000	* 0 to 1	* 0
eric Acid		10,000	60,000	* 0 to 1	* 0
PPP	Tetra Potassium Pyro phosphate	10,000	50,000	* 0	* 0
cce Flake	Hydrogenated Vegetable Oil	5,000	20,000	1(NFPA 49A,A-7)	0
ton H-55	Detergent in water	2,000	15,000	* 0	* 0
ton H-66	Detergent in water	3,000	15,000	* 0	* 0
apcl D-25	Biocide in water	8,000	50,000	* 0	* 0
free 60	Silica	2,000	70,000	* 0	* 0
O		5,000	50,000	* 0	* 0
		1,000	2,000	* 0	* 0

\* Figures preceded by an asterisk are estimated values. When an NFPA Code number appears with  
NFPA Rating it designates where the rating was obtained, or where the data was found to  
state the ratings.

**DREW CHEMICAL  
(a division of Ashland Chemical)**

**TAB E**

1985 Organics Chemicals Questionnaire filled out by Drew Chemical indicating the use of phenol (cresylic acid), a dioxin precursor.

**E**

**842190021**

111-4777

ORGANIC CHEMICALS QUESTIONNAIRE

Below are listed twenty one different organic chemicals. Please indicate whether you purchase and use any of them. Also, please list the average quantity (in pounds) purchased each month for the previous 6 months (July 1984 through January 1985). If you have any questions call Frank D'Ascensio or Mario Greglia of the Industrial Department of PVSC at 344-1800.

Company Name Drew ChemicalAddress 1106 Harrison Avenue, Kearny, NJ 07032Permit No. 15403132 Date March 27, 1985

Name of Chemical	Purchased Yes or No	Avg. Lbs./Mon Purchased
Benzene	✓	
Carbon tetrachloride	/	
Chlorobenzene	/	
Chloroform	/	
1, 1-Dichloroethane	/	
1, 2-Dichloroethane	/	
1, 2-Dichloropropane	/	
Ethylbenzene	✓	
Methylene Chloride	Yes	400
Tetrachloroethylene	Yes	700
Toluene	✓	
1, 2-Trans-Dichloroethylene	✓	
1, 1, 1-Trichloroethane	Yes	15,000
1, 1, 2-Trichloroethane	/	
Trichloroethylene	✓	
Pentachlorophenol	✓	
Phenol (Cresylic Acid)	Yes	3,000
Naphthalene	✓	
Bis (2-Chloroethoxy) Methane	/	
2-Chloronaphthalene	/	
Di-N-Butyl Phthalate	✓	

Signature J. J. J.Title Plant Engineer

AS per 6  
1.25% max  
14-12

**DREW CHEMICAL CORPORATION**  
**(a division of Ashland Chemical)**

**TABLE**

March 18, 1989, Jersey Journal article based on federal data bases reporting that between May 1 to October 31, 1988, Drew Chemical discharged into the environment ethylene glycol, zinc compounds, acrylamide, and chromium compounds.

F

MAR 18 1989 Jersey Journal

# Toxins threaten our waters

By Joseph Albright

TRENTON — A citizen's public research group yesterday described waterways in Hudson County as "seriously impaired by toxic discharges from industrial and municipal sources."

The New Jersey Public Interest Research Group, in a report entitled "Hazards in Hudson," warned that "swift passage of the Clean Water Enforcement Act is necessary to insure certain and timely responses to clean water violations."

On Monday, the Assembly Environmental Committee is scheduled to consider the clean water measure.

Key provisions of the legislation mandate that repeat violators of the act be referred for possible criminal prosecution. It also closes a loophole that had allowed many industrial facilities to discharge wastes into sewers with impunity, the PIRG report said.

The 13-page report examines industrial and municipal facilities discharging pollutants, including toxics, into waterways in Hudson. The mu-

nicipalities surveyed are East Newark, Harrison, Kearny, North Bergen, Secaucus and Jersey City.

At least 17 major industrial facilities discharge into the water table or groundwater in the district, according to the report, which says the state allows companies to discharge "significant quantities of toxics into the environment."

"Indirect discharges to waterways throughout the sewer system is commonplace," the report continued.

See TOXINS — Page 4.

MAR 18 1989 Jersey Journal

## Toxins in our waters

Continued from Page 1

It said federal data indicates that 12,872,049 pounds of toxics have been released into sewer systems in Hudson County.

The report said the process of uncovering all the facilities in the area which are contributing toxins to the Hackensack River and Upper New York Bay will take a long time.

"This can only be accomplished through rigorous enforcement of clean water laws," PIRG added.

The citizens group identified the Public Service Electric & Gas Co. facility in Kearny as a "significant source" of zinc and nickel pollutants in the Hackensack River.

North Bergen and Secaucus municipal facilities were also identified by the group as discharging toxins into the Hackensack River.

From 1984 to 1986, the report said, Colgate Palmolive and Public Service Electric & Gas Co. facilities in Jersey City, were cited as major industrial dischargers of pollutants into the Hudson and Hackensack rivers.

Major industrial facilities cited from May 1 to Oct. 31 last year, according to PIRG, included:

• BASF in Kearny, 12 violations;

• Kleer Kast Inc., Kearny, 20 violations;

• Public Service Electric & Gas Co., Kearny, 4 violations;

• Public Service Electric & Gas Co., Jersey City, 78 violations;

• Standard Chlorine, Kearny, 1 violation.

The group cited these companies for their discharges in local sewers:

• Capital City Products, Kearny, sodium sulfate, 200,000 pounds a year; phosphoric acid, 11,960 pounds;

• M.I. Holdings, Inc., Jersey City, zinc compounds, 16,000 pounds;

• Drew Chemical Corp., Kearny, ethylene glycol, 11 pounds; zinc compounds, 22 pounds; acrylamide, 6 pounds; chromium compounds, 8 pounds;

• Envorichem Inc., Jersey City, sodium hydroxide, 500 pounds;

• BASF Corp., Kearny, butyl alcohol, 2,250 pounds; dibutyl phthalate, 750 pounds; Di phthalate, 750 pounds; O-Xylene, 5,009 pounds;

• Frederick Gumm Chem., Kearny, sulfuric acid, 750 pounds; sodium hydroxide, 750 pounds.

**DREW CHEMICAL CORPORATION**  
**(a division of Ashland Chemical)**

**TAB G**

1992 Ashland Chemical (Drew Div.) (partial) Community Right-to-Know Survey showing that the facility required 314 pages to report hazardous substances maintained or produced on-site.

**G**

**842190025**

7 5 6 7 9 8 0 0 0 0 2

ASHLAND CHEMICAL (DREW DIV.)  
1106 HARRISON AVENUE, KEARNY

DEQ-094

Page 1 of 314

## PART 2 CHEMICAL INVENTORY PAGE

**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance ACC-9 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	(Codes for all that apply.) 67, 66, 70, _____	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 723 _____
Substance ACC-9 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67, 66, 70, _____	Max. Daily 14 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 38 Conditions 01, 04 Location(s) BLDG. 723 _____
Substance ACC/CIRCU-KLEEN CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67, 66, 70, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 38 Conditions 01, 04 Location(s) BLDG. 723 _____
Substance ACC/CIRCU-KLEEN CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67, 66, 70, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 32 Conditions 01, 04 Location(s) BLDG. 723/TLB-2 _____
Substance ACETIC ACID GLACIAL CAS No. 64-19-7 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67, 70, _____	Max. Daily 13 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 32 Conditions 01, 04 Location(s) BLDG. 723/TLB-2 _____

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
81 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
80 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient* pressure      02 Greater than ambient pressure
85 80 - 90%	G - Gas	18 500,001 - 1 million	48 Tank inside building	03 Less than ambient pressure
86 80 - 90%		17 250,001 - 500,000	47 Steel drum	
87 70 - 79%		16 100,001 - 250,000	46 Can	IMMOVABLE
88 60 - 69%		15 50,001 - 100,000	45 Carboy	04 Ambient temperature
89 50 - 59%		14 10,001 - 50,000	44 Silo	05 Greater than ambient temperature
90 25 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	06 Less than ambient temperatures but not cryogenic (freezing conditions)
91 10 - 24%	68 Sudden release of pressure	12 101 - 1,000	42 Bag	07 Cryogenic conditions (less than -200 degrees C.)
92 1 - 9%	66 Reactive	11 11 - 100	41 Box	
93 0 - 0.9%	67 Immediate (acute) health hazard	10 1 - 10	32 Plastic drums	
94 0 - 0.8%	66 Delayed (chronic) health hazard	09 Less than 1 lb.		

\*Ambient means "normal" "environmental" or "room" -- and --

7 5 6 7 9 8 0 0 0 2

ASHLAND CHEMICAL (DREW DIV.)  
1106 HARRISON AVENUE, KEARNY

DEQ-094

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CHEMICAL INVENTORY PAGE

**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance <u>ACRAWAX CDF-1</u> CAS No. <u>110-30-5</u> DOT No. _____	(Codes for all that apply.) <u>67</u> , _____,	(Enter Code) Max. Daily <u>14</u> Avg. Daily <u>14</u> Days Onsite <u>366</u> (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container <u>32</u> Conditions <u>01, 04</u> . Location(s) <u>BLDG. 723</u>
Substance No. (If available) Percent <u>60</u> State <u>S</u> (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance <u>ACRYLAMINE</u> CAS No. <u>79-06-0</u> DOT No. _____	<u>67</u> , _____,	Max. Daily <u>10</u> Avg. Daily <u>10</u> Days Onsite <u>192</u> (Actual Number)	Container <u>42</u> Conditions <u>01, 04</u> Location(s) <u>BLDG. 722 A</u>
Substance No. (If available) Percent <u>60</u> State <u>S</u> (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance <u>ACRYLAMINE POLYMER</u> CAS No. <u>9003-05-8</u> DOT No. _____	<u>70</u> , <u>67</u> , _____,	Max. Daily <u>12</u> Avg. Daily <u>12</u> Days Onsite <u>366</u> (Actual Number)	Container <u>47</u> Conditions <u>01, 04</u> Location(s) <u>BLDG. 722A/TLR-2</u>
Substance No. (If available) Percent <u>60</u> State <u>L</u> (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance <u>ACRYLIC ACID GLACIAL</u> CAS No. <u>79-10-7</u> DOT No. _____	<u>67</u> , <u>68</u> , _____,	Max. Daily <u>12</u> Avg. Daily <u>12</u> Days Onsite <u>366</u> (Actual Number)	Container <u>47</u> Conditions <u>01, 04</u> Location(s) <u>BLDG. 722 A</u>
Substance No. (If available) Percent <u>60</u> State <u>L</u> (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance <u>ACRYSOL ASE-60</u> CAS No. _____ DOT No. _____	<u>67</u> , _____,	Max. Daily <u>13</u> Avg. Daily <u>13</u> Days Onsite <u>366</u> (Actual Number)	Container <u>47</u> Conditions <u>01, 04</u> Location(s) <u>BLDG. 722 A/BLDG. 723</u>
Substance No. (If available) Percent <u>60</u> State <u>L</u> (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	<u>S</u> • Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressure
00 100%	<u>L</u> • Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
00 50-50%	<u>G</u> • Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
00 50-50%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
57 70-70%		16 100,001 - 250,000	46 Can	
56 50-50%		15 50,001 - 100,000	45 Carboy	
55 50-50%	HAZARD CATEGORY CODES	14 10,001 - 50,000	44 Silo	
54 25-40%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
53 10-24%	69 Sudden release of pressure	12 101 - 1,000	42 Bag	
52 1-8%	68 Reactive	11 11 - 100	41 Box	
51 0-0%	67 Immediate (acute) health hazard	10 1 - 10	32 Plastic drums	
	66 Delayed (chronic) health hazard	09 Less than 1 lb.		

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ASHLAND CHEMICAL (DREW DIV.)  
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PART 2  
CHEMICAL INVENTORY PAGEIMPORTANT! Read instructions. Photocopy this page if you need additional forms.  
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Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance ALL PURPOSE DETERGENT CAS No. _____ DOT No. _____	(Codes for all that apply.) 67, 66, _____	(Enter Code) Max. Daily 13 Avg. Daily 11 Days Onsite 252 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 45 Conditions 01, 04 Location(s) BLDG. 723
Substance ALUMINUM CHLOROHYDRATE CAS No. _____ DOT No. _____	67, _____	Max. Daily 16 Avg. Daily 15 Days Onsite 326 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance ALUMINUM CHLORIDE CAS No. _____ DOT No. _____	67, _____	Max. Daily 15 Avg. Daily 14 Days Onsite 267 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance ALUMINA TRIHYDRATE CAS No. _____ DOT No. _____	67, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 353 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance ALUMINUM SULFATE CAS No. _____ DOT No. _____	67, 66, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	PRESSURE
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
00 90 - 99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
00 80 - 89%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
07 70 - 79%		16 100,001 - 250,000	46 Can	
00 60 - 69%		15 50,001 - 100,000	45 Carboy	
00 50 - 59%		14 10,001 - 50,000	44 Silo	
04 25 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
03 10 - 24%	00 Sudden release of pressure	12 101 - 1,000	42 Bag	
02 1 - 9%	00 Reactive	11 11 - 100	41 Box	
01 0 - 0%	07 Immediate (acute) health hazard	10 1 - 10		
	08 Delayed (chronic) health hazard	09 Less than 1 lb.		

## HAZARD CATEGORY CODES

- 70 Fire hazard  
00 Sudden release of pressure  
00 Reactive  
07 Immediate (acute) health hazard  
08 Delayed (chronic) health hazard

PRESSURE  
01 Ambient pressure    02 Greater than ambient pressure  
03 Less than ambient pressure

TEMPERATURE  
04 Ambient temperature  
05 Greater than ambient temperature  
06 Less than ambient temperatures but not cryogenic  
(freezing conditions)  
07 Cryogenic conditions (less than -200 degrees C)

\*Ambient means "normal" "surrounding" or "room"

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ASHLAND CHEMICAL (DREW DIV.)  
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CHEMICAL INVENTORY PAGEIMPORTANT! Read instructions. Photocopy this page if you need additional forms.  
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Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance ALUMINA SULFATE TECH CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	(Codes for all that apply.) 67. _____, _____, _____	(Enter Code) Max. Daily 14 Avg. Daily 14 Days Onsite 68 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 4 Conditions 01, 04 Location(s) BLDG. 722 A
Substance ALUMINA SULFATE TECH CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67. _____, _____, _____	Max. Daily 15 Avg. Daily 14 Days Onsite 293 (Actual Number)	Container 36 Conditions 01, 04 Location(s) TLB-2
Substance AMERCIDE DISINFECTANT CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67. _____, _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 219 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance AMERCOR MARK III CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	70, 67, 66, _____	Max. Daily 11 Avg. Daily 11 Days Onsite 147 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance AMERCOR OF CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67. _____, _____, _____	Max. Daily 10 Avg. Daily 10 Days Onsite 12 (Actual Number)	Container 32 Conditions 01, 04 Location(s) BLDG. 723

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
02 100%	L - Liquid	10 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient* pressure    02 Greater than ambient pressure
03 50 - 99%	G - Gas	10 500,001 - 1 million	48 Tank inside building	03 Less than ambient pressure
04 50 - 99%		17 250,001 - 500,000	47 Steel drum	
05 70 - 79%		10 100,001 - 250,000	46 Can	Ambient
06 50 - 69%		15 50,001 - 100,000	45 Carboy	04 Ambient temperature
07 50 - 59%		14 10,001 - 50,000	44 Silo	05 Greater than ambient temperature
08 25 - 49%		13 1,001 - 10,000	43 Fiber drum	06 Less than ambient temperatures but not cryogenic (freezing conditions)
09 10 - 24%		12 101 - 1,000	42 Bag	07 Cryogenic conditions (less than -200 degrees C)
10 1 - 9%		11 11 - 100	41 Box	*Ambient means "normal" "surrounding" or "room"
11 0 - 0.9%		10 1 - 10		
		09 Less than 1 lb.		

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**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
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Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance AMP 95 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	(Codes for all that apply.) 70, 67, _____.	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 722 A/TLB #2
Substance AMMONIUM BICARBONATE CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	67, _____.	Max. Daily 10 Avg. Daily 10 Days Onsite 143 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance AMMONIUM BI FLUORIDE CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	67, _____.	Max. Daily 10 Avg. Daily 10 Days Onsite 143 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance AMMONIUM DICHROMATE CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	67, 70, 66, _____.	Max. Daily 11 Avg. Daily 11 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A
Substance XD-7287 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	67, _____.	Max. Daily 14 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722 A

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown 00 100% 09 90 - 99% 08 80 - 89% 07 70 - 79% 06 60 - 69% 05 50 - 59% 04 25 - 49% 03 10 - 24% 02 1 - 9% 01 0 - 0.9%	S - Solid L - Liquid G - Gas	20 Greater than 10 million lbs. 19 1,000,001 - 10 million 18 500,001 - 1 million 17 250,001 - 500,000 16 100,001 - 250,000 15 50,001 - 100,000 14 10,001 - 50,000 13 1,001 - 10,000 12 101 - 1,000 11 11 - 100 10 1 - 10 09 Less than 1 lb	50 Above ground tank 49 Below ground tank (steel) 48 Tank inside building 47 Steel drum 46 Can 45 Carboy 44 Silo 43 Fiber drum 42 Bag 41 Box	<b>Pressure</b> 01 Ambient pressure 02 Greater than ambient pressure 03 Less than ambient pressure  <b>IMMOVABLE</b> 04 Ambient temperature 05 Greater than ambient temperature 06 Less than ambient temperatures but not cryogenic (freezing conditions) 07 Cryogenic conditions (less than -200 degrees C)  *Ambient means "normal", "surrounding" or "room" temp.

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CHEMICAL INVENTORY PAGEIMPORTANT! Read instructions. Photocopy this page if you need additional forms.  
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Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance BENZOIC ACID TECH. CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	(Codes for all that apply.) 67 _____	(Enter Code), Max. Daily 12 Avg. Daily 12 Days Onsite 266 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 42 Conditions 01, 04 Location(s) BLDG. 722A
Substance BENZOTRIAZOLE TECH. CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	67 _____	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722A
Substance BIOSPERSE 201 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	70, 67, 66,	Max. Daily 12 Avg. Daily 12 Days Onsite 266 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BEHIND BOILER HOUSE
Substance BIOSPERSE 212 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	70, 67, 66,	Max. Daily 13 Avg. Daily 13 Days Onsite 285 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723/BEHIND BOILER HOUSE
Substance BIOSPERSE 212 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code)	70, 67, 66,	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 46 Conditions 01, 04 Location(s) BLDG. 723

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES	
01 Unknown 00 100% 00 0-50% 00 50-50% 67 70-70% 66 60-60% 66 50-50% 64 25-40% 63 10-24% 62 1-0% 61 0-0.0%	S - Solid L - Liquid G - Gas	20 Greater than 10 million lbs. 19 1,000,001 - 10 million 18 500,001 - 1 million 17 250,001 - 500,000 16 100,001 - 250,000 15 50,001 - 100,000 14 10,001 - 50,000 13 1,001 - 10,000 12 101 - 1,000 11 11 - 100 10 1 - 10 09 Less than 1 lb.	50 Above ground tank 49 Below ground tank (steel) 48 Tank inside building 47 Steel drum 46 Can 45 Carboy 44 Silo 43 Fiber drum 42 Bag 41 Box	40 Cylinder 39 Bottles or jugs (glass) 38 Bottles or jugs (plastic) 37 Tote bin 36 Tank wagon 35 Reuter 34 Other (Describe) 33 Below ground tank (fiberglass) 32 Plastic drums	Pressure 01 Ambient* pressure 02 Greater than ambient pressure 03 Less than ambient pressure  Temperature 04 Ambient temperature 05 Greater than ambient temperature 06 Less than ambient temperatures but not cryogenic (freezing conditions) 07 Cryogenic conditions (less than -200 degrees F.)
	HAZARD CATEGORY CODES			*Ambient means "normal", "surrounding" or "room" conditions	
	70 Fire hazard 68 Sudden release of pressure 68 Reactive 67 Immediate (acute) health hazard 66 Delayed (chronic) health hazard				

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ASHLAND CHEMICAL (DREW DIV.)  
1106 HARRISON AVENUE, KEARNYPART 2  
CHEMICAL INVENTORY PAGE

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IMPORTANT! Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance COPPER OXIDE BLACK CAS No. 1317-38-0 DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input type="checkbox"/> (Check if claiming) _____	(Codes for all that apply.) 67, _____, _____ _____, _____	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 129 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance CRESYLIC ACIDS CAS No. 1319-77-3 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check if claiming) _____	70, 67, _____ _____, _____	Max. Daily 14 Avg. Daily 14 Days Onsite 366 (Actual Number)	Container 46 Conditions 01, 04 Location(s) BLDG. 723
Substance CSGS SULFITE CORR. INHIBIT. CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input type="checkbox"/> (Check if claiming) _____	67, _____, _____ _____, _____	Max. Daily 14 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 43 Conditions 01, 04 Location(s) BLDG. 723
Substance CTC RESIN CLEANER CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent X State S Trade Secret <input type="checkbox"/> (Check if claiming) _____	67, _____, _____ _____, _____	Max. Daily 09 Avg. Daily 09 Days Onsite 281 (Actual Number)	Container 43 Conditions 01, 04 Location(s) BLDG. 723
Substance CWT AF 140 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check if claiming) _____	67, _____, _____ _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 147 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
61 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Possible
60 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
60 80 - 90%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
60 60 - 80%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
67 70 - 79%		16 100,001 - 250,000	46 Can	
60 60 - 80%		15 50,001 - 100,000	45 Carboy	
66 50 - 59%	70 Fire hazard	14 10,001 - 50,000	44 Silo	
54 25 - 49%	69 Sudden release of pressure	13 1,001 - 10,000	43 Fiber drum	
63 10 - 24%	68 Reactive	12 101 - 1,000	42 Bag	
62 1 - 9%	67 Immediate (acute) health hazard	11 11 - 100	41 Box	
61 0 - 0.9%	66 Delayed (chronic) health hazard	10 1 - 10		
		09 Less than 1 lb.		

**HAZARD CATEGORY CODES**

01 Ambient temperature

02 Greater than ambient temperature

03 Less than ambient temperature

04 Ambient temperature

05 Greater than ambient temperature

06 Less than ambient temperatures but not cryogenic (freezing conditions)

07 Cryogenic conditions (less than -200 degrees C)

\*Ambient means "normal", "surrounding" or "inditions"

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ASHLAND CHEMICAL (DREW DIV.)  
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PART 2  
CHEMICAL INVENTORY PAGEIMPORTANT! Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance DIATEC 2540 VH CAS No. _____ DOT No. _____	(Codes for all that apply.) 67, _____, _____	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 362 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance DICHLOROTOLUENE TECH CAS No. 29797-40-8 DOT No. _____	70, 67, 66, _____	Max. Daily 16 Avg. Daily 15 Days Onsite 366 (Actual Number)	Container 50 Conditions 01, 04 Location(s) TANK FARM
Substance DIETHANOLAMINE CAS No. 111-42-2 DOT No. _____	67, 66, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance DIETHYL ETHANOLAMINE CAS No. 100-37-8 DOT No. _____	70, 67, 66, _____	Max. Daily 14 Avg. Daily 13 Days Onsite 359 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance DIETHYLENE GLYCOL MONOBUTYL CAS No. 112-34-5 DOT No. _____	TYL 67, 66, _____	Max. Daily 09 Avg. Daily 09 Days Onsite 096 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
02 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
03 90 - 99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
04 80 - 89%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
05 70 - 79%		16 100,001 - 250,000	46 Can	
06 60 - 69%		15 50,001 - 100,000	45 Carboy	
07 50 - 59%		14 10,001 - 50,000	44 Silo	
08 25 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
09 10 - 24%	08 Sudden release of pressure	12 101 - 1,000	42 Bag	
10 1 - 9%	07 Reactive	11 11 - 100	41 Box	
11 0 - 0.9%	06 Immediate (acute) health hazard	10 1 - 10		
	05 Delayed (chronic) health hazard	09 Less than 1 lb.		

HAZARD CATEGORY CODES

70	Fire hazard
08	Sudden release of pressure
07	Reactive
06	Immediate (acute) health hazard
05	Delayed (chronic) health hazard

CONTAINER CODES

50	Above ground tank
49	Below ground tank (steel)
48	Tank inside building
47	Steel drum
46	Can
45	Carboy
44	Silo
43	Fiber drum
42	Bag
41	Box

STORAGE CONDITION CODES

04	Ambient temperature
05	Greater than ambient temperature
06	Less than ambient temperatures but not cryogenic (freezing conditions)
07	Cryogenic conditions (less than -200 degrees)

'Ambient' means 'normal', 'surrounding' or 'room' conditions

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ASHLAND CHEMICAL (DREW DIV.)  
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PART 2  
CHEMICAL INVENTORY PAGEIMPORTANT! Read Instructions. Photocopy this page if you need additional forms.  
Please type all responses.

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance DODECYLBENZENE SULFONIC CAS No. 27176 - 87-0 DOT No. _____	67 (Codes for all that apply.) 67 _____	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State L (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming) _____	_____		
Substance DOWEX 2A1 CAS No. _____ DOT No. _____	67, 66 _____	Max. Daily 14 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State L (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming) _____	_____		
Substance DODECYLBENZENE SOD. SULFONATE CAS No. _____ DOT No. _____	67 _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State S (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming) _____	_____		
Substance DODECYLBENZENE SOD. SULF. CAS No. _____ DOT No. _____	Liq. 40 67 _____	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State L (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming) _____	_____		
Substance DOWICIL 75 CAS No. 4080 - 31-3 DOT No. _____	67 _____	Max. Daily 11 Avg. Daily 11 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State S (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming) _____	_____		

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
61 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressure
62 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
63 80 - 90%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
64 80 - 85%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
65 70 - 75%		16 100,001 - 250,000	46 Can	
66 60 - 65%		15 50,001 - 100,000	45 Carboy	
67 50 - 55%	70 Fire hazard	14 10,001 - 50,000	44 Silo	
68 25 - 40%	60 Sudden release of pressure	13 1,001 - 10,000	43 Fiber drum	
69 10 - 24%	68 Reactive	12 101 - 1,000	42 Bag	
70 1 - 9%	67 Immediate (acute) health hazard	11 11 - 100	41 Box	
71 0 - 0.9%	66 Delayed (chronic) health hazard	10 1 - 10		
		09 Less than 1 lb.		

Pressure  
01 Ambient pressure    02 Greater than ambient pressure  
03 Less than ambient pressureTemperature  
04 Ambient temperature  
05 Greater than ambient temperature  
06 Less than ambient temperatures but not cryogenic  
(freezing conditions)  
07 Cryogenic conditions (less than -200 degrees)

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ASHLAND CHEMICAL (DREW DIV.)  
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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance BIOSPERSE 290 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	(Codes for all that apply.) 70, 67, 66, _____	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 723/BEHIND BOILER HOUSE
Substance BUTANOL NORMAL CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	70, 67, 66, _____	Max. Daily 11 Avg. Daily 11 Days Onsite 252 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance CARBON REMOVER SOLV CLEANER CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	70, 67, _____	Max. Daily 14 Avg. Daily 14 Days Onsite 366 (Actual Number)	Container 46 Conditions 01, 04 Location(s) BLDG. 723
Substance CATALYZED SULFITE CORR. CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	NHIB, 67, _____, _____ _____	Max. Daily 14 Avg. Daily 14 Days Onsite _____ (Actual Number)	Container 43 Conditions 01, 04 Location(s) BLDG. 722
Substance COMPOUND B-RX2 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	67, _____, _____ _____	Max. Daily 09 Avg. Daily 09 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
81 Unknown	S . Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressurized
80 100%	L . Liquid	10 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
88 80 - 99%	G . Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
88 60 - 89%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
87 70 - 79%		16 100,001 - 250,000	46 Can	
86 60 - 69%		15 50,001 - 100,000	45 Carboy	
85 50 - 59%	HAZARD CATEGORY CODES	14 10,001 - 50,000	44 Sto	
84 25 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
83 10 - 24%	68 Sudden release of pressure	12 101 - 1,000	42 Bag	
82 1 - 9%	67 Reactive	11 11 - 100	41 Box	
81 0 - 0.9%	66 Immediate (acute) health hazard	10 1 - 10		
	65 Delayed (chronic) health hazard	09 Less than 1 lb.		
			33 Below ground tank (fiberglass)	04 Ambient temperature
			32 Plastic drums	05 Greater than ambient temperature
				06 Less than ambient temperatures but not cryogenic (freezing conditions)
				07 Cryogenic conditions (less than -200 degrees)

\*Ambient means "temperature" or "environmental" or "room".

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance <u>FERRIC CHLORIDE 28%</u> CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent <u>60</u> State <u>L</u> (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming)	(Codes for all that apply.) <u>67</u> <u>66</u> _____	(Enter Code) Max. Daily <u>11</u> Avg. Daily <u>11</u> Days Onsite <u>366</u> (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container <u>4</u> Conditions <u>01</u> <u>04</u> Location(s) <u>BLDG. 722</u> _____
Substance <u>FERROFILM CURR. INHIBITOR</u> CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent <u>60</u> State <u>L</u> (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming)	<u>67</u> <u>66</u> _____	Max. Daily <u>13</u> Avg. Daily <u>13</u> Days Onsite <u>366</u> (Actual Number)	Container <u>47</u> Conditions <u>01</u> <u>04</u> Location(s) <u>BLDG. 722</u> _____
Substance <u>FERROUS SULFATE</u> CAS No. <u>7720-78-7</u> DOT No. _____ Substance No. (If available) _____ Percent <u>60</u> State <u>S</u> (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming)	<u>67</u> _____	Max. Daily <u>13</u> Avg. Daily <u>13</u> Days Onsite <u>261</u> (Actual Number)	Container <u>42</u> Conditions <u>01</u> <u>04</u> Location(s) <u>BLDG. 722</u> _____
Substance <u>FLOC GEL 100</u> CAS No. <u>68412-33-9</u> DOT No. _____ Substance No. (If available) _____ Percent <u>60</u> State <u>S</u> (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming)	<u>67</u> _____	Max. Daily <u>12</u> Avg. Daily <u>12</u> Days Onsite <u>366</u> (Actual Number)	Container <u>43</u> Conditions <u>01</u> <u>04</u> Location(s) <u>BLDG. 722/723</u> _____
Substance <u>FLUSH OUT TREATMENT</u> CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent <u>60</u> State <u>L</u> (Code) (Code) Trade Secret <input type="checkbox"/> (Check # claiming)	<u>67</u> _____	Max. Daily <u>11</u> Avg. Daily <u>11</u> Days Onsite <u>366</u> (Actual Number)	Container <u>46</u> Conditions <u>01</u> <u>04</u> Location(s) <u>BLDG. 723</u> _____

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
81 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressurized
80 100%	L - Liquid	18 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
80 80 - 80%	G - Gas	16 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
80 80 - 80%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
87 70 - 70%		18 100,001 - 250,000	46 Can	Ambient
88 60 - 60%		15 50,001 - 100,000	45 Carboy	04 Ambient temperature
88 60 - 60%	Hazard Category Codes	14 10,001 - 50,000	44 Silo	05 Greater than ambient temperature
84 25 - 40%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	06 Less than ambient temperatures but not cryogenic (freezing conditions)
83 10 - 24%	60 Sudden release of pressure	12 101 - 1,000	42 Bag	07 Cryogenic conditions (less than -200 degrees F)
82 1 - 9%	98 Reactive	11 11 - 100	41 Box	"Ambient means "normal" (temperature) of storage
81 0 - 0.9%	97 Immediate (acute) health hazard	10 1 - 10	32 Plastic drums	_____
	98 Delayed (chronic) health hazard	00 Less than 1 lb.		

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance HI LO VAP ENVAPORATOR CAS No. _____ DOT No. _____	(Codes for all that apply.) 67	(Enter Code) 12 Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 32 Conditions 01 . 04 Location(s) BLDG. 723
Substance HI SIL 233 CAS No. 7631 - 86- 9 DOT No. _____	67	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 42 Conditions 01 . 04 Location(s) BLDG. 722
Substance HIPOUCHEM LR CAS No. _____ DOT No. _____	67 . 66 . _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01 . 04 Location(s) BLDG. 722
Substance HYDRAZINE 35% CAS No. 302 - 01- 2 DOT No. _____	67 . 66 . _____	Max. Daily 13 Avg. Daily 13 Days Onsite 77 (Actual Number)	Container 37 Conditions 01 . 04 Location(s) BLDG. 723
Substance HYDRAZINE 35% CAS No. 302 - 01- 2 DOT No. _____	67 . 66 . _____	Max. Daily 11 Avg. Daily 11 Days Onsite 61 (Actual Number)	Container 47 Conditions 01 . 04 Location(s) BLDG. 723

PERCENTAGE CODES		PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
81	Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
80	100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
80	80 - 99%	G - Gas	18 500,001 - 1 million	48 Tank Inside building	02 Greater than ambient pressure
80	80 - 99%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
87	70 - 79%		16 100,001 - 250,000	46 Can	
88	60 - 69%		15 50,001 - 100,000	45 Carboy	
86	50 - 59%	70 Fire hazard	14 10,001 - 50,000	44 Silo	
84	25 - 49%	60 Sudden release of pressure	13 1,001 - 10,000	43 Fiber drum	
83	10 - 24%	68 Reactive	12 101 - 1,000	42 Bag	
82	1 - 9%	67 Immediate (acute) health hazard	11 11 - 100	41 Box	
81	0 - 0.9%	66 Delayed (chronic) health hazard	10 1 - 10		
			00 Less than 1 lb.		

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance METHYL ETHYL KETONE OXIM CAS No. _____ DOT No. _____	(Codes for all that apply.) 70, 67, _____.	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 294 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	_____.	_____.	_____.
Substance METHYL-N-2-PYRROLIDONE CAS No. _____ DOT No. _____	70, 67, 66, _____.	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance METHYLENE BIS(THIOCYANATE) CAS No. 6317-18-6 DOT No. _____	E 10% 67, _____, _____.	Max. Daily 14 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	_____.	_____.	_____.
Substance METHYLENE CHLORIDE CAS No. 75-09-2 DOT No. _____	67, 66, _____.	Max. Daily 11 Avg. Daily 11 Days Onsite 288 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723
Substance METONATE FIRESIDE SLAG CAS No. _____ DOT No. _____	NHIB. 67, _____, _____.	Max. Daily 13 Avg. Daily 13 Days Onsite 359 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	_____.	_____.	_____.

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
81 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressure
88 100%	L - Liquid	18 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
85 80 - 99%	G - Gas	16 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
86 80 - 99%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
87 70 - 79%		16 100,001 - 250,000	46 Can	
88 60 - 69%		15 50,001 - 100,000	45 Carboy	
89 50 - 59%		14 10,001 - 50,000	44 Sip	
90 25 - 49%	70 Fire hazard	13 1,001 - 10,000	34 Other (Describe)	
91 10 - 24%	89 Sudden release of pressure	12 101 - 1,000	43 Fiber drum	Temperature
92 1 - 8%	88 Reactive	11 11 - 100	42 Bag	04 Ambient temperature
93 0 - 0.9%	87 Immediate (acute) health hazard	10 1 - 10	41 Box	05 Greater than ambient temperature
	86 Delayed (chronic) health hazard	00 Less than 1 lb	32 Plastic drums	06 Less than ambient temperatures but not cryogenic (freezing conditions)
				07 Cryogenic conditions (less than -200 degrees)

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance PERFORMAX 448 CAS No. _____ DOT No. _____	(Codes for all that apply.) 67. _____.	(Enter Code) 12 Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01 . 04 Location(s) BLDG. 723
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____.		
Substance PERFUMES GENERAL CAS No. _____ DOT No. _____	70. 67. _____.	Max. Daily 11 Avg. Daily 11 Days Onsite 227 (Actual Number)	Container 38 Conditions 01 . 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____.		
Substance PETRONATE L CAS No. _____ DOT No. _____	67. _____.	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 47 Conditions 01 . 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____.		
Substance PHENOLPHTHALENE TECH CAS No. _____ DOT No. _____	67. _____.	Max. Daily 12 Avg. Daily 11 Days Onsite 366 (Actual Number)	Container 38 Conditions 01 . 04 Location(s) BLDG. 723
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____.		
Substance PHOSPHOLINE 1551 CAS No. _____ DOT No. _____	67. _____.	Max. Daily 13 Avg. Daily 13 Days Onsite 307 (Actual Number)	Container 32 Conditions 01 . 04 Location(s) BLDG. 723
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____.		

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
02 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure 02 Greater than ambient pressure
03 80 - 90%	G - Gas	18 500,001 - 1 million	48 Tank inside building	03 Less than ambient pressure
04 80 - 80%		17 250,001 - 500,000	47 Steel drum	
05 70 - 70%		16 100,001 - 250,000	37 Tote bin	
06 60 - 60%		15 50,001 - 100,000	46 Can	
07 50 - 50%	70 Fire hazard	14 10,001 - 50,000	45 Carboy	
08 25 - 40%	60 Sudden release of pressure	13 1,001 - 10,000	44 Silo	
09 10 - 24%	68 Reactive	12 101 - 1,000	43 Fiber drum	
10 1 - 9%	67 Immediate (acute) health hazard	11 11 - 100	42 Bag	
11 0 - 0.9%	68 Delayed (chronic) health hazard	10 1 - 10	41 Box	
		09 Less than 1 lb.	32 Plastic drums	
				Temperature
				04 Ambient temperature
				05 Greater than ambient temperature
				06 Less than ambient temperatures but not cryogenic (freezing conditions)
				07 Cryogenic conditions (less than -200 degrees)

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance PHOSPHOLINE 1551 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code) (Check # claiming)	(Codes for all that apply.) 67. _____	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 82 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01 . 04 Location(s) BLDG. 723
Substance PHOSPHORIC ACID 75% TECH CAS No. 7664 - 38 - 2 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code) (Check # claiming)	67. _____	Max. Daily 12 Avg. Daily 12 Days Onsite 239 (Actual Number)	Container 38 Conditions 01 . 04 Location(s) BLDG. 722
Substance PHOSPHORIC ACID 85% TECH CAS No. 7664 - 38 - 2 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code) (Check # claiming)	67. _____	Max. Daily 14 Avg. Daily 14 Days Onsite 320 (Actual Number)	Container 32 Conditions 01 . 04 Location(s) BLDG. 722
Substance PINE OIL 80% CAS No. 8002 - 09 - 3 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code) (Check # claiming)	70 . 67 . _____	Max. Daily 13 Avg. Daily 13 Days Onsite 352 (Actual Number)	Container 47 Conditions 01 . 04 Location(s) BLDG. 722
Substance PLURACOL WD-1400 CAS No. 9003 - 11 - 6 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check # claiming) (Code) (Code) (Check # claiming)	67. _____	Max. Daily 10 Avg. Daily 10 Days Onsite 114 (Actual Number)	Container 38 Conditions 01 . 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
00 80 - 90%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
00 60 - 80%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
00 70 - 79%		16 100,001 - 250,000	46 Can	
00 60 - 69%		15 50,001 - 100,000	45 Carboy	
00 50 - 59%	70 Fire hazard	14 10,001 - 50,000	44 Silo	
00 25 - 49%	00 Sudden release of pressure	13 1,001 - 10,000	43 Fiber drum	
00 10 - 24%	00 Reactive	12 101 - 1,000	42 Bag	Temperature
00 1 - 9%	00 Immediate (acute) health hazard	11 11 - 100	41 Box	04 Ambient temperature
00 0 - 0%	00 Delayed (chronic) health hazard	10 1 - 10		05 Greater than ambient temperature
		00 Less than 1 lb.		06 Less than ambient temperatures but not cryogenic (freezing conditions)
				07 Cryogenic conditions (less than -200 degrees)

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance SLCC-X CORR. INHIB. CAS No. _____ DOT No. _____	(Codes for all that apply.) 67. _____, _____, _____	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance SODA ASH DENSE CAS No. 49-7-19-8 DOT No. _____	67. _____, _____, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 353 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance SODIUM BENZOATE PWD CAS No. 532-32-1 DOT No. _____	67. _____, _____, _____	Max. Daily 11 Avg. Daily 11 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance SODIUM BISULFITE GLOW CAS No. 7681-38-1 DOT No. _____	67. _____, _____, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance SODIUM BISULFITE ANHYD CAS No. 7681-57-4 DOT No. _____	67. _____, _____, _____	Max. Daily 14 Avg. Daily 14 Days Onsite 365 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
10 90 - 99%	G - Gas	18 500,001 - 1 million	48 Tank Inside building	02 Greater than ambient pressure
20 80 - 89%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
30 70 - 79%		16 100,001 - 250,000	46 Can	
40 60 - 69%		15 50,001 - 100,000	45 Carboy	Temperature
50 50 - 59%		14 10,001 - 50,000	44 Silo	04 Ambient temperature
60 40 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	05 Greater than ambient temperature
70 30 - 39%	60 Sudden release of pressure	12 101 - 1,000	42 Bag	06 Less than ambient temperatures but not cryogenic (freezing conditions)
80 20 - 29%	68 Reactive	11 11 - 100	41 Box	07 Cryogenic conditions (less than -200 degrees)
90 10 - 19%	67 Immediate (acute) health hazard	10 1 - 10		
91 0 - 9%	66 Delayed (chronic) health hazard	00 Less than 1 lb.		

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance SODIUM BROMIDE 38% CAS No. 7647 - 15 - 6 DOT No. _____	(Codes for all that apply.) 67, _____.	(Enter Code) Max. Daily 14 Avg. Daily 13 Days Onsite 279 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Code) (Code) (Check # claiming) _____	_____	Max. Daily 11 Avg. Daily 11 Days Onsite 9 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance SODIUM BROMIDE 46% CAS No. 7647 - 15 - 6 DOT No. _____	67, _____.	Max. Daily 11 Avg. Daily 11 Days Onsite 9 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Code) (Code) (Check # claiming) _____	_____	Max. Daily 14 Avg. Daily 14 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance SODIUM CHLORITE 25% CAS No. _____ DOT No. _____	70, 67, _____.	Max. Daily 14 Avg. Daily 14 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Code) (Code) (Check # claiming) _____	_____	Max. Daily 11 Avg. Daily 11 Days Onsite 108 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance SODIUM CHLORITE 80% FLAKE CAS No. 7758 - 19 - 2 DOT No. _____	70, 67, _____.	Max. Daily 11 Avg. Daily 11 Days Onsite 108 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State S Trade Secret <input type="checkbox"/> (Code) (Code) (Check # claiming) _____	_____	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance SODIUM CHROMATE ANHYD CAS No. 7775 - 11 - 3 DOT No. _____	67, _____.	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) _____ Percent 60 State S Trade Secret <input type="checkbox"/> (Code) (Code) (Check # claiming) _____	_____	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
58 80 - 90%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
59 80 - 90%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
57 70 - 79%		16 100,001 - 250,000	46 Can	
56 60 - 69%		15 50,001 - 100,000	45 Carboy	
55 60 - 59%	Hazard Category Codes	14 10,001 - 50,000	44 Silo	
54 25 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
53 10 - 24%	68 Sudden release of pressure	12 101 - 1,000	42 Bag	
52 1 - 9%	67 Immediate (acute) health hazard	11 11 - 100	41 Box	
51 0 - 0.9%	66 Delayed (chronic) health hazard	10 1 - 10		
		09 Less than 1 lb.		
				Temperature
				04 Ambient temperature
				05 Greater than ambient temperature
				06 Less than ambient temperatures but not cryogenic (freezing conditions)
				07 Cryogenic conditions (less than -200 degrees)

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ASHLAND CHEMICAL (DREW DIV.)  
1106 HARRISON AVENUE, KEARNYPART 2  
CHEMICAL INVENTORY PAGE

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**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

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CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance SOD. DICHROMATE TECH CAS No. 10588-01-9 DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	(Codes for all that apply.) 67 66	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance SOD. DIMETHYLDITHO CARBA CAS No. - - - DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	MATE 67	Max. Daily 14 Avg. Daily 13 Days Onsite 365 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance SOD. DIOCTYL SULFO SUCC CAS No. 577-11-7 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	70 67 66	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723
Substance SODIUM ERYTHORBATE CAS No. - - - DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	67	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance BUTANOL-1 POLYPROPOXYLATE CAS No. 9003-13-8 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check # claiming) (Code) (Code)	TE 2600 67	Max. Daily 13 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressure
00 100%	L - Liquid	19 1,000,001 - 10 million	40 Below ground tank (steel)	01 Ambient pressure
03 90 - 99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
05 80 - 89%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
07 70 - 79%		16 100,001 - 250,000	46 Can	
08 60 - 69%		15 50,001 - 100,000	45 Carboy	
05 50 - 59%	HAZARD CATEGORY CODES	14 10,001 - 50,000	44 Sto	
24 25 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
03 10 - 24%	09 Sudden release of pressure	12 101 - 1,000	42 Bag	
02 1 - 9%	08 Reactive	11 11 - 100	41 Box	
01 0 - 0.9%	07 Immediate (acute) health hazard	10 1 - 10		
	06 Delayed (chronic) health hazard	09 Less than 1 lb		

\*Ambient means "normal" "surrounding" or "room" temp.

7 5 6 7 9 8 0 0 0 0 2

ASHLAND CHEMICAL (DREW DIV.)  
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## PART 2 CHEMICAL INVENTORY PAGE

**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance SOD. HYDROSULFITE-F CAS No. 7775 - 14 - 6 DOT No. _____	(Codes for all that apply.) 70, 67, _____, _____, _____, _____	(Enter Code) Max. Daily 09 Avg. Daily 09 Days Onsite 281 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Code) (Code) (Check if claiming)			
Substance SOD. HYPOCHLORITE 12.5% CAS No. 7681 - 52 - 9 DOT No. _____	67, _____, _____, _____	Max. Daily 13 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Code) (Code) (Check if claiming)			
Substance SOD. HYPOCHLORITE 12% CAS No. 7681 - 52 - 9 DOT No. _____	67, _____, _____, _____	Max. Daily 14 Avg. Daily 13 Days Onsite 193 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Code) (Code) (Check if claiming)			
Substance SOD. LAURYL SULFATE 28-30% CAS No. 151 - 21 - 3 DOT No. _____	67, _____, _____, _____	Max. Daily 13 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Code) (Code) (Check if claiming)			
Substance SOD. MERCAPTOBENZOTRIAZOLE 50% CAS No. 2492 - 26 - 4 DOT No. _____	67, _____, _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Code) (Code) (Check if claiming)			

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
81 Unknown	S - Solid	20 Greater than 10 million lbs.		
80 100%	L - Liquid	19 1,000,001 - 10 million		
88 80 - 99%	G - Gas	18 500,001 - 1 million		
88 80 - 99%		17 250,001 - 500,000		
87 70 - 79%		16 100,001 - 250,000		
88 60 - 69%		15 50,001 - 100,000		
85 50 - 59%		14 10,001 - 50,000		
84 25 - 49%		13 1,001 - 10,000		
83 10 - 24%		12 101 - 1,000		
82 1 - 9%		11 11 - 100		
81 0 - 0.9%		10 1 - 10		
		00 Less than 1 lb.		
<b>HAZARD CATEGORY CODES</b>				
70 Fire hazard				
69 Sudden release of pressure				
68 Reactive				
67 Immediate (acute) health hazard				
66 Delayed (chronic) health hazard				

- 50 Above ground tank
- 49 Below ground tank (steel)
- 48 Tank inside building
- 47 Steel drum
- 46 Can
- 45 Carboy
- 44 Silo
- 43 Fiber drum
- 42 Bag
- 41 Box
- 40 Cylinder
- 39 Bottles or jugs (glass)
- 38 Bottles or jugs (plastic)
- 37 Tote bin
- 36 Tank wagon
- 35 Railcar
- 34 Other (Describe) \_\_\_\_\_
- 33 (Below ground tank (fiberglass))
- 32 Plastic drums

- PRESSURE**
- 01 Ambient pressure
- 02 Greater than ambient pressure
- 03 Less than ambient pressure
- TEMPERATURE**
- 04 Ambient temperature
- 05 Greater than ambient temperature
- 06 Less than ambient temperatures but not cryogenic (freezing conditions)
- 07 Cryogenic conditions (less than -200 degrees)

\*Ambient means "standard" temperatures or 68° F.

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CHEMICAL INVENTORY PAGE

**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance SULFATED DECYL BOTTOMS CAS No. 71243-36-2 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check if claiming) (Code) (Code)	(Codes for all that apply.) 70 . 67 . _____ _____. _____	(Enter Code) 14 Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 723
Substance SULFURIC ACID 66 DEG. BA CAS No. 7664-93-9 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check if claiming) (Code) (Code)	ME 67 . _____, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 182 (Actual Number)	Container 32 Conditions 01, 04 Location(s) BLDG. 722
Substance SULFURIC ACID REAGENT CAS No. 7664-93-9 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check if claiming) (Code) (Code)	67 . _____, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 352 (Actual Number)	Container 32 Conditions 01, 04 Location(s) BLDG. 722
Substance SUPER ACTIVATED DISOLVITE CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check if claiming) (Code) (Code)	70 . 67 . 66, _____. _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723
Substance SUR-FLO MAINT. CHEM. CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input type="checkbox"/> (Check if claiming) (Code) (Code)	67 . _____, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Possible
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
00 90-99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
00 80-89%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
07 70-79%		16 100,001 - 250,000	46 Can	
00 60-69%		15 50,001 - 100,000	45 Carboy	
00 50-59%		14 10,001 - 50,000	44 Silo	
04 25-49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
03 10-24%	09 Sudden release of pressure	12 101 - 1,000	42 Bag	
02 1-9%	08 Reactive	11 11 - 100	41 Box	
01 0-0.9%	07 Immediate (acute) health hazard	10 1 - 10	00 Less than 1 lb.	
	06 Delayed (chronic) health hazard			

*\*Ambient means "normal" "surrounding" or "room"*

7 5 6 7 9 8 0 0 0 0 2

ASHLAND CHEMICAL (DREW DIV.)  
1106 HARRISON AVENUE, KEARNY

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## PART 2 CHEMICAL INVENTORY PAGE

**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance ZINC CHLORIDE 50% CAS No. 7646 - 85 - 7 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) _____	(Codes for all that apply.) 67, 66, _____, _____, _____, _____	(Enter Code) Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance ZINC NITRATE 50% CAS No. 7779 - 88 - 6 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) _____	70, 67, _____, _____, _____, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 238 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance ZINC OXIDE MESH CAS No. 1314 - 13 - 2 DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check if claiming) _____	67, _____, _____, _____, _____, _____	Max. Daily 13 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance ZINC SULFATE MONOHYDRATE CAS No. 7733 - 02 - 0 DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check if claiming) _____	67, _____, _____, _____, _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 258 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance ZINC SULFATE USP/CP CAS No. 7733 - 02 - 0 DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check if claiming) _____	67, 66, _____, _____, _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient* pressure      02 Greater than ambient pressure
08 90 - 99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	03 Less than ambient pressure
06 80 - 89%		17 250,001 - 500,000	47 Steel drum	
07 70 - 79%		16 100,001 - 250,000	46 Can	Temperature
05 60 - 69%		15 50,001 - 100,000	45 Carboy	04 Ambient temperature
04 50 - 49%		14 10,001 - 50,000	44 Silo	05 Greater than ambient temperature
03 40 - 39%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	06 Less than ambient temperatures but not cryogenic (freezing conditions)
02 30 - 29%	00 Sudden release of pressure	12 101 - 1,000	42 Bag	
01 20 - 24%	08 Reactive	11 11 - 100	41 Box	07 Cryogenic conditions (less than -200 degrees C)
	07 Immediate (acute) health hazard	10 1 - 10		
	06 Delayed (chronic) health hazard	00 Less than 1 lb.		

\*Ambient = 68.0 degrees F = 20 degrees C

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ASHLAND CHEMICAL (DREW DIV.)  
1106 HARRISON AVENUE, KEARNY

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PART 2  
CHEMICAL INVENTORY PAGE**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance EPICHLOROHYDRIN DMA CAS No. 42751 - 79 - 1	(Codes for all that apply.) 67	(Enter Code) Max. Daily 14 Avg. Daily 13 Days Onsite 366 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available)			
Percent 60 State L (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance LO SEPARATOR CAS No. - - - - DOT No. - - - -	67	Max. Daily 12 Avg. Daily 12 Days Onsite 77 (Actual Number)	Container 38 Conditions 01, 04 Location(s) BLDG. 723
Substance No. (If available)			
Percent 60 State L (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance MAGNUS MARITEC FUT CAS No. - - - - DOT No. - - - -	70, 67, 66	Max. Daily 12 Avg. Daily 12 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723
Substance No. (If available)			
Percent 60 State L (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance MAGNUS MARITEC RUST REMOVER CAS No. - - - - DOT No. - - - -	67	Max. Daily 09 Avg. Daily 09 Days Onsite 366 (Actual Number)	Container 38 Conditions 01, 04 Location(s) BLDG. 723
Substance No. (If available)			
Percent 60 State L (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			
Substance MAGANESI SYN. ACIDS CAS No. - - - - DOT No. - - - -	70, 67	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723
Substance No. (If available)			
Percent 60 State L (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)			

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
61 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressures
62 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
63 90 - 99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
64 80 - 89%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
65 70 - 79%		16 100,001 - 250,000	46 Can	
66 60 - 69%		15 50,001 - 100,000	45 Carboy	
67 50 - 59%	HAZARD CATEGORY CODES	14 10,001 - 50,000	44 Silo	
68 40 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	
69 30 - 39%	69 Sudden release of pressure	12 101 - 1,000	42 Bag	
70 20 - 29%	68 Reactive	11 11 - 100	41 Box	
71 10 - 9%	67 Immediate (acute) health hazard	10 1 - 10		
72 1 - 9%	66 Delayed (chronic) health hazard	09 Less than 1 lb.		
73 0 - 0.9%				

\*Ambient means "normal", "surrounding" or "room" con-

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PART 2  
CHEMICAL INVENTORY PAGE

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IMPORTANT! Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance ORTHO-BENYL-CHLOROPHENOL CAS No. 120-32-1 DOT No. _____	(Codes for all that apply.) 67._____._____	(Enter Code) 13 Max. Daily 13 Avg. Daily 12 Days Onsite 74 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State S (Code) (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____	_____	_____
Substance POTASSIUM DICHROMATE TECH. CAS No. 7778-50-9 DOT No. _____	67._____._____	Max. Daily 12 Avg. Daily 12 Days Onsite 114 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State S (Code) (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____	_____	_____
Substance POTASSIUM SORBATE CAS No. 24634-61-5 DOT No. _____	67._____._____	Max. Daily 11 Avg. Daily 11 Days Onsite 113 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State S (Code) (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____	_____	_____
Substance RHODAFAC RE-610 CAS No. 51811-79-1 DOT No. _____	67._____._____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L (Code) (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____	_____	_____
Substance RHODAFAC RP-710 CAS No. 39464-70-5 DOT No. _____	67._____._____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance No. (If available) Percent 60 State L (Code) (Code) Trade Secret <input checked="" type="checkbox"/> (Check # claiming)	_____	_____	_____

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
81 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressure
80 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure    02 Greater than ambient pressure
88 90-99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	03 Less than ambient pressure
86 80-89%		17 250,001 - 500,000	47 Steel drum	
87 70-79%		16 100,001 - 250,000	48 Can	Irradiation
88 60-69%		15 50,001 - 100,000	45 Carboy	04 Ambient temperature
85 50-59%	70 Fire hazard	14 10,001 - 50,000	44 Silo	05 Greater than ambient temperature
84 25-49%	60 Sudden release of pressure	13 1,001 - 10,000	43 Fiber drum	06 Less than ambient temperatures but not cryogenic (freezing conditions)
83 10-24%	50 Reactive	12 101 - 1,000	42 Bag	07 Cryogenic conditions (less than -200 degrees)
82 1-9%	67 Immediate (acute) health hazard	11 11 - 100	41 Box	
81 0-0.9%	68 Delayed (chronic) health hazard	10 1 - 10		
		09 Less than 1 lb		

\*Ambient temperature is 68 degrees F or 20 degrees C.

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ASHLAND CHEMICAL (DREW DIV.)  
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PART 2  
CHEMICAL INVENTORY PAGEIMPORTANT! Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance OLIMINE 1848 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	(Codes for all that apply.) 80, 67, 66, _____, _____, _____	(Enter Code) Max. Daily 11 Avg. Daily 11 Days Onsite 86 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 38 Conditions 01, 04 Location(s) BLDG. 723
Substance OLIMINE 1849 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	70, 67, _____, _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 24 (Actual Number)	Container 37 Conditions 01, 04 Location(s) BLDG. 723
Substance OLIMINE 1849 CAS No. _____ DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	70, 67, _____, _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 325 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 723/BEHIND BOILER HOUSE
Substance SOD. SULFITE SULFTECH CAS No. 7757-83-7 DOT No. _____ Substance No. (If available) _____ Percent 60 State S Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	67, _____, _____, _____, _____	Max. Daily 14 Avg. Daily 13 Days Onsite 143 (Actual Number)	Container 42 Conditions 01, 04 Location(s) BLDG. 722
Substance TRICHLOROETHANE III DEGREASER CAS No. 71-55-6 DOT No. _____ Substance No. (If available) _____ Percent 60 State L Trade Secret <input checked="" type="checkbox"/> (Check if claiming) (Code) (Code)	67, 66, _____, _____, _____	Max. Daily 12 Avg. Daily 12 Days Onsite 16 (Actual Number)	Container 38 Conditions 01, 04 Location(s) BLDG. 722

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (In lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressure
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient* pressure    02 Greater than ambient pressure
00 90 - 99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	03 Less than ambient pressure
00 80 - 89%		17 250,001 - 500,000	47 Steel drum	
00 70 - 79%		16 100,001 - 250,000	46 Can	Temperature
00 60 - 69%		15 50,001 - 100,000	45 Carboy	04 Ambient temperature
00 50 - 59%		14 10,001 - 50,000	44 Silo	05 Greater than ambient temperature
00 25 - 49%	70 Fire hazard	13 1,001 - 10,000	43 Fiber drum	06 Less than ambient temperatures but not cryogenic
00 10 - 24%	00 Sudden release of pressure	12 101 - 1,000	42 Bag	(freezing conditions)
00 1 - 9%	00 Reactive	11 11 - 100	41 Box	07 Cryogenic conditions (less than -200 degrees)
00 0 - 0.9%	07 Immediate (acute) health hazard	10 1 - 10		
	08 Delayed (chronic) health hazard	09 Less than 1 lb.	32 Plastic drums	

\*Ambient means "normal", "surrounding" or "room" ... etc.

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ASHLAND CHEMICAL (DREW DIV.)  
1106 HARRISON AVENUE, KEARNY

DEQ-094

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PART 2  
CHEMICAL INVENTORY PAGE

**IMPORTANT!** Read instructions. Photocopy this page if you need additional forms.  
Please type all responses.

Reporting Period: January 1 - December 31, 1992

CHEMICAL DESCRIPTION	HAZARDS	Inventory (Ranges)	STORAGE CODES AND LOCATIONS
Substance TRICHLOROETHANE III DEG CAS No. 71-55-6 DOT No. _____	(Enter Codes for all that apply.) 67, 66, _____	(Enter Code) Max. Daily 12 Avg. Daily 12 Days Onsite 16 (Actual Number)	(Enter Codes, except Location(s); supply narrative.) Container 46 Conditions 01, 04 Location(s) BLDG. 723
Substance No. (If available) Percent 60 State L (Code) (Code) Trade Secret <input type="checkbox"/> (Check if claiming)	_____	_____	_____
Substance TRISODIUM PHOSPHATE CRYST. CAS No. 7601-54-9 DOT No. _____	67, _____, _____	Max. Daily 13 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance AMERZINE 15 CAS No. _____ DOT No. _____	67, 66, _____	Max. Daily 14 Avg. Daily 13 Days Onsite 366 (Actual Number)	Container 47 Conditions 01, 04 Location(s) BLDG. 722
Substance WPD 11-403 CAS No. _____ DOT No. _____	67, _____, _____	Max. Daily 14 Avg. Daily 14 Days Onsite 188 (Actual Number)	Container 36 Conditions 01, 04 Location(s) TLB #2
Substance WPD 11-403 CAS No. _____ DOT No. _____	67, _____, _____	Max. Daily 14 Avg. Daily 14 Days Onsite 218 (Actual Number)	Container 37 Conditions 01, 04 Location(s) BLDG. 723

PERCENTAGE CODES	PHYSICAL STATE CODES	INVENTORY RANGE CODES (in lbs.)	CONTAINER CODES	STORAGE CONDITION CODES
01 Unknown	S - Solid	20 Greater than 10 million lbs.	50 Above ground tank	Pressure
00 100%	L - Liquid	19 1,000,001 - 10 million	49 Below ground tank (steel)	01 Ambient pressure
00 50 - 99%	G - Gas	18 500,001 - 1 million	48 Tank inside building	02 Greater than ambient pressure
00 50 - 99%		17 250,001 - 500,000	47 Steel drum	03 Less than ambient pressure
07 70 - 79%		16 100,001 - 250,000	46 Can	
00 60 - 69%		15 50,001 - 100,000	45 Carboy	
05 50 - 59%	70 Fire hazard	14 10,001 - 50,000	44 Silo	
04 25 - 49%	00 Sudden release of pressure	13 1,001 - 10,000	43 Fiber drum	
03 10 - 24%	00 Reactive	12 101 - 1,000	42 Bag	
02 1 - 9%	07 Immediate (acute) health hazard	11 11 - 100	41 Box	
01 0 - 0.9%	00 Delayed (chronic) health hazard	10 1 - 10		
		00 Less than 1 lb.		

- HAZARD CATEGORY CODES**
- 01 Unknown  
00 100%  
00 50 - 99%  
00 50 - 99%  
07 70 - 79%  
00 60 - 69%  
05 50 - 59%  
04 25 - 49%  
03 10 - 24%  
02 1 - 9%  
01 0 - 0.9%
- 01 Ambient pressure  
02 Greater than ambient pressure  
03 Less than ambient pressure
- Temperature**
- 04 Ambient temperature  
05 Greater than ambient temperature  
06 Less than ambient temperatures but not cryogenic (freezing conditions)  
07 Cryogenic conditions (less than -200 degrees F)

\*Ambient means "normal" "surrounding" or "room"

DREW CHEMICAL CORPORATION (a division of Ashland Chemical)

TAB H

CLH Executive Summary of Drew Chemical Corporation, which includes summary of analyses of adjacent Passaic River sediment samples.

**DREW CHEMICAL CORPORATION**  
**(a division of Ashland Chemical)**

**TAB H**

CLH Executive Summary of Drew Chemical Corporation,  
which includes summary of analyses of adjacent Passaic  
River sediment samples.

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## EXECUTIVE SUMMARY - DREW CHEMICAL

April 23, 1997

COMPANY	LOCATION AND YEARS OF OPERATION	TYPE OF OPERATION	HAZARDOUS SUBSTANCES STORED/USED/PRODUCED AT FACILITY	DOCUMENTED DISCHARGES OF HAZARDOUS SUBSTANCES TO FACILITY/RIVER	HAZARDOUS SUBSTANCES USED AT FACILITY IDENTIFIED IN PASSAIC RIVER SEDIMENTS ADJACENT TO SITE	FINANCIAL VIABILITY
Drew Chemical Co. 1106 Harrison Ave. Harrison, NJ	Drew Chemical is located in the Worthington Ave. CSO district and has operated at the site since 1970.	Chemical manufacturer which produced water treatment chemicals, boiler compounds, paint defoamers and other specialty chemicals.	<u>Discharge to River</u> Trichloropheno Phenol (Cresylic Acid) Ortho benzyl chlorophenol  <u>Other hazardous substances</u> Phosphoric Acid Isopropanol Acetic Acid 1,1,1 Trichloroethane Sodium Hydroxide Zinc chloride Organic phosphorus Dichlorotoluene Mineral spirits Ethylene diamine Methanol Methylene Chloride Tetrachloroethylene Butyl Alcohol Isobutyl alcohol Toluene Mineral seal oil Morpholine Dichlorotoluene Formic Acid Triethanolamine Acrylamide Acrylic Acid Aluminum Sulfate Ammonium bicarbonate Ammonium bifluoride Benzoic Acid	<u>Discharge to River</u> Via CSO: Pre 1975: Calcium Magnesium Iron Copper Aluminum Manganese Sodium Silver Calcium Post 1975: Ethylene glycol Zinc Compounds Acrylamide Chromium compounds Phosphoric acid Glycol ethers Zinc compounds Phenols  Washdown water from reactor vessel	<u>Contaminants documented in effluent:</u>  Magnesium 7050 mg/kg (287) Copper 1190 mg/kg (235) Aluminum 182000 mg/kg (236) Manganese 639 mg/kg (235) Silver 11.7 mg/kg (236) Chromium 574 mg/kg (236) Zinc 1810 mg/kg (288)  <u>Contaminants used on site:</u>  Toluene 290 ug/kg (234) Methyl Ethyl Ketone 120 ug/kg (236)	DCC is a subsidiary of Ashland Chemical. Ashland reported sales of \$13.3 Bil. and a net worth of \$1.7 Bil. as of FY 1996.

COMPANY	LOCATION AND YEARS OF OPERATION	TYPE OF OPERATION	HAZARDOUS SUBSTANCES STORED/USED/PRODUCED AT FACILITY	DOCUMENTED DISCHARGES OF HAZARDOUS SUBSTANCES TO FACILITY/RIVER	HAZARDOUS SUBSTANCES USED AT FACILITY IDENTIFIED IN PASSaic RIVER SEDIMENTS ADJACENT TO SITE	FINANCIAL VIABILITY
			Diethylamine Dodecylbenzene sulfonic Acid Batand Ferric chloride Ferrous sulfate Hydrazine Methyl ethyl ketone Phosphoric Acid Sodium bisulfite Sodium Chromate Sodium Hypochlorite Sulfuric Acid Zinc Chloride Zinc Nitrate Zinc Sulfide Epichlorohydrin Trichloroethane	Di-n-octylphthalate Benzo(b)fluoranthene 4-Methylphenol 2-Methyl Napthalene Trimethyl/napthalene Leamer PCB Toluene 1-Methylnapthalene Fluores Phenanthrene Benzo (a) anthracene Benzo (K) fluoranthene Benzo (a) pyrene		

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